

TAB Q

Supply List for Mosquito Surveillance

(April 2005)

The following is a list of supply sources in support of WNV surveillance program. The list does not imply endorsement by the U.S. Army Center for Health Promotion and Preventive Medicine, U.S. Army, or other government agency.

Full supplier/manufacturer information is at the end of the list.

ITEM	PART NUMBER/NOTES	PRICE	SUPPLIER/CONTACT
New Standard	NSN 3740-01-106-0091, Cage Code 6T654		DoD: National Stock System or
Miniature Light Trap	Replaces the CDC or SSAM trap	\$116.39	John W. Hock Co.
(CDC-style trap)	Commercial: #1012		BioQuip
	Comes standard with collection cup (live catch), and		Hausherr's Machine Works
	power cord. Does NOT come with kill jar, 6V battery,		
	or charger. See below for additional accessories.		
	suggest purchase 2 batteries and additional collection		
	cup or ring bag per trap. (One charger can handle		
	up to 3 batteries at a time)		
Dry Ice (CO2) holder	Model #358, 1-pint Boston Rounds. Make hinge with	\$65.75	Polyfoam Packers Corp.
for CDC-style trap	duct tape, drill 1/2" holes, suspend with parachute		
	chord. Comes in case of 60.		
New Collection Cup	#1.49. Same as one that comes with above trap.	\$17.00	John W. Hock Co.
Fine Mesh	Good to have an extra. Rigid plastic container with		
	mesh vent. Can work with old and new versions of		
	CDC or SSAM traps. Not for Gravid traps		
Double-ring Collection	#1.45. Can be used with all miniature light traps and	\$23.00	John W. Hock Co.
Bag, Fine Mesh	gravid traps. Pros - packs flat and light weight.		
	Cons - need to hang or prop-up during transport.		
	For freezer knock-down, need to aspirate mosquitoes		
	to smaller container or have large volume freezer		
CDC Gravid Trap	#1712. Used to collect gravid females, esp <i>Culex</i> sp.	\$88.00	John W. Hock Co.
	Includes collection bag, trap tube, brackets, power		BioQuip
	cord, oviposition tub. Does not include battery,		
	battery charger, or optional photo switch.		
	Suggest purchase of extra collection bag (above)		
	and 2 6V batteries. (wish the tubs were black)		

ITEM	PART NUMBER/NOTES	PRICE	SUPPLIER/CONTACT
Battery Charger	#2.90 Automatic, for 6VDC, charges 3 at a time	\$70.00	John W. Hock Co.
Battery AB 6V	#2.3 (10AmpHr)	\$28.00	John W. Hock Co.
	#RSU 10457364 (9AmpHr)	\$19.99	Radio Shack
	#RSU 10457315 (11AmpHr)	\$22.99	Radio Shack
	All above should work. Higher AmpHr= longer lasting		
			(Page 2 of 4)
Aspirator, battery-powered	No number. 1.5 Volts, flashlight design.	\$39.00	Hausherr's Machine Works
	Uses 2 D-Cells.		
	Extra Collection tube	\$2.75	Hausherr's Machine Works
Aspirator, HEPA-filter oral powered	(no #) Used to transfer adult mosquitoes between containers	\$23.00	John W. Hock Co.
Dipper, Entomological	#1132 (suggest at least 4 per installation)	\$10.70	BioQuip
Breeder, Mosquito	NSN 3740-01-454-2345		DoD National Stock System
	#1425. Used to put larvae or eggs in and rear to adult stage for identification.	\$11.80	BioQuip
Forceps	NSN 6640-00-426-0250 (forceps, pinning, ento)	\$4.01	DoD National Stock System
	#11210-10. Very fine-point yet durable. Price is per dozen.	\$112.50	Fine Science Tools
Battery Carrying Box	conveniently holds 6 lead-acid trap batteries		
	"Boaters Dry Box" Cabelas:#CA-01-1175, standard	11.99	Cabelas Catalog
	"Action Utility Box" Forestry Suppliers: #35714	13.95	Forestry Suppliers Catalog
Microscope	Leica S4E, 6.3X-30X (pod, oculars, column, base)	1180	I. Miller Precision Optical Instrum.
	B&L (Leica) Stereo Zoom 4, pod, oculars, A-stand	925	I Miller Precision Optical Instrum.
	Alt.to A-stand, KT stand w/ E Arm (best for chill pans)	543	
	(line discontinued; above reconditioned. New avail)		
	B400, 6X-50X widefield stereoscopic microscope	1,425.00	Bunton Instrument Company Inc.
	(4-step magnific changers, 10X Occu, incident stand)		
	Alt: Table top boom stand for B400 above (D34104)		
	(better accommodates chill pans/tables)	\$350.00	
Fiber Optic Light	dual goosneck, 150W (#)	\$460	Barber Optics Inc.
	dual goosneck, 150W (#070217)	\$499.00	Bunton Instrument Co.
	dual goosneck, 150W (#)		Fisher Scientific
Key to Mosquito Identification	A Key to the Mosquitoes of North Carolina and the Mid-Atlantic States (AG-412) (Great - adults/ 4th larva	\$4	NC Cooperative Extension Svc
			Pulblications Office

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All available at WRBU webpage in PDF.	Identification and Geographical Distribution of the	unk	American Mosquito Control
	Mosquitoes of North America, North of Mexico.		Association
	As of Jan 2001, this publication is out of print but may		
	be coming out shortly in a new, revised edition.		
	Check the AMCA Web page for updates.		
Rabbit chow pellets	Local pet store. Used for gravid trap water. Add	variable	
	approx. handful per tub. Prepare and age 3 days		
	in advance. Attracts <i>Culex pipiens</i> & <i>salinarius</i> .		
			(Page 3 of 4)
Petri Dishes, Millipore	# PD10047.05. 47mm sterilized Petri Dishes. Box 500	\$96.00	Fisher Scientific
locking top, plastic	Used for mailing ovistrips or adult mosquitoes for ID.		
	(Army personnel - obtainable through med supply)		
Thermosafe insulated	Accommodates mosquito samples and smaller-sized	\$103.70	Polyfoam Packers Corp.
specimen mailers	bird samples, with room for freezer packs.		
	(12 coolers per case)		
Refrigerant Gel Packs	#418 (-10) Keeps mosquito and bird samples cold	\$22.45	Polyfoam Packers Corp.
	during shipment. Use as many per cooler as you can.		
	Fill empty space with newspaper. Comes 24/case.		
Puller hook for	2029T1. 30" 3/4" point	\$17.35	McMaster Carr
Manhole covers	Lets you examine storm drains and sewers.		
	Warning - Watch you back, wear hard hat, and		
	don't forget a good flashlight		
Ovitrap Cup	#C1-16 Black Cup. Plastic, durable for use to detect	\$41.00	Cups Illustrated, Lancaster TX
	container-breeding invasive species. Cost is for		
	case of 500. (there may be a minimum order req)		
	(Army personnel - cups and ovistrips obtainable from		
	CHPPM-North at N/C)		
Ovitrap egg paddle	Red, stiff, velour paper that can be cut down into	?	National Velour Corp.
	strips and clipped to the inside of the cup which is		
	about 1/2 filled with aged water (scarlet 3090CS)		
Mosquito mailing tins	#08050. Ointment tins, 1 oz, with top label. 72/box	\$14.59	Columbia Specialty Co. Div
	Used for adult mosquito ID (not for viral analysis).		
	(Ointment tin 12 & 22, Labelstik cans 10 & 20)		
	(Army personnel - obtainable from CHPPM-N, at N/C)		
Pipette, bulb	#13-711-7. Standard, disposable. Good for larval	\$33.80	Fisher Scientific
	manipulation. Pack of 500		

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Mosquito tray	#1426A. Bright white plastic trays used for sorting adults or larvae. Good for separating trap catches.	\$7.95	BioQuip
Fay-Prince Trap	Model 712I; has black/white panels, dry ice holder	\$149.00	John W Hock Co.
	Model 112; as above but omnidirectional	\$154.00	
	Above are designed to catch container breeding, day active <i>Aedes</i> (e.g., <i>albopictus</i>)		
Applicator	smooth white birch stick used to mash mosquitoes in the trizol pooling tube (box of 864)	\$11.34	Fisher Scientific

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SOURCE/MANUFACTURER FULL INFORMATION			
ITEMS	SOURCES	ITEMS	SOURCES
dippers, breeders	BioQuip 17803 Lasalle Ave Gardenia CA 90248-3602 310 324-0620, FAX 310 324-7931 bioquip.com, bioquip@aol.com	ovitrap	Cups Illustrated 2155 West Longhorn Dr. Lancaster, TX 75134 1-800-334-2877 X343 (attn. Sara Tuttle)
microscopes and accessories	Buntun Instrument Company Inc. 301 831-1233, FAX 301 831-1234 buntgrp.com, info@buntgrp.com	carry box for batteries	Cabelas Catalog 800 237-4444 cabelas.com or Forestry Suppliers Catalog 800 647-5368
	Fisher Scientific 1-800-766-7000, FAX 1 800-926-1166 www.fishersci.com		
		batteries	Radio Shack 800 843-7422 radioshack.com
	Barber Optics., Inc 8300 Guilford Rd, Suite E, Columbia MD 301 596-2406, FAX 410 381-4840		
		petri dishes	Fisher Scientific 1-800-766-7000 fishersci.com
	I Miller Precision Optical Instruments Inc 35 N 2nd Steet, Philadelphia PA 19106 Philadelphia PA 19106 215 925-2285, FAX 215 925-8374	Mosquito ID key	American Mosquito Control Association (AMCA)
forceps	Fine Science Tools 373-G Vintage Park drive Foster City CA 94404-1139 800 521-2109 Fax 800 523-2109 finescience.com, info@finescience.com		J Smith Hall, Rutgers University Jones Ave, New Brunswick, NJ 08901-9998 732 932-0667 mosquito.org amca@mosquito.org

ITEMS	SOURCES	ITEMS	SOURCES
light and gravid traps,	John W. Hock Co.	puller hook	Mcmaster Carr
batteries, parts,	PO Box 12852	manhole	P.O. Box 440
aspirator	Gainesville, FL 32604	lid	New Brunswick, NJ 08903
	Phone 352 378-3209		nj.sales@mcmaster.com
	FAX 352 378-1838		732-329-6666
	acceleration.net/jhock , jwhock@acceleration.net		
		Red Paddle	National Velour Corp.
Specimen	Polyfoam Packers Corp	for Ovitrap	36 Bellair Avenue
mailers	2320 Foster Ave.		Warwick RI 02886
dry ice holders,	Wheeling, IL 60090-6572		800.556.6523
cold packs	Phone 800-323-7442		
	FAX 847 398-0653	Mosquito	Columbia Specialty Co. Div.
	www.polyfoam.com	tins (dry ID)	6301 Eastern Ave
			Baltimore, MD 21224
Mosquito Key	NC Cooperative Extension Service Publications Off		410 633-3633
(#AG-412)	Box 7603		
	NC State University	aspirator,	Hausherr's Machine Works
	Raleigh, NC 27695-7603	battery powered	Toms River, NJ 08753
	919 513-3112; Rhonda Torn, Larry Jackson		732 349-1319